

DILSHAN T MADUSANKA

(+94) 76-1606 311 | dilshan.personal12@gmail.com | www.dilshanthathsara.me | GitHub | LinkedIn

Passionate software engineering undergraduate with strong skills in full-stack development, problem-solving, and creating user-focused digital solutions. Experienced in building real-world applications, contributing to open-source projects, and continuously learning modern technologies to enhance code quality, system performance, and overall user experience.

EDUCATION

Bachelor of Software Engineering (BSEHons) | The Open University of Sri Lanka

2023 – Present

Certificate in Full Stack Web Development | University of Moratuwa

Issued Jan 2023

PROJECTS

Quantifypro - Invoice & Quotation Management System

Full Stack Developer 2025

- Built a secure and automated web application for NeoMac Engineering, a construction company, to manage 1000+ invoices and quotations efficiently
- Developed using **Next.js, Tailwind CSS, TypeScript, Node.js, Express.js, and Firebase**, improving workflow efficiency by 85%.
- Implemented role-based authentication and authorization for Admin and User roles, ensuring 100% data security and access control.

BGRM - Image Background Remover App

Full Stack Developer 2025

- Implemented a **responsive Next.js frontend** with **TypeScript** and **Tailwind CSS** for seamless user experience
- Developed a **FastAPI backend in Python** utilizing the **rembg library** for AI-powered background removal
- Enabled **real-time image upload** and **preview functionality** for original and processed images
- Deployed the application on **Railway** for scalable, cloud-based hosting and fast performance

SKILLS

- Reactjs
- SQL
- Expressjs
- Figma
- React Native
- Postman
- Rest API
- Firebase
- Java
- Python
- Nodejs
- Adobe XD
- GitHub
- Docker

DILSHAN T MADUSANKA

(+94) 76-1606 311 | dilshan.personal12@gmail.com | www.dilshanthathsara.me | GitHub | LinkedIn

Passionate software engineering undergraduate with strong skills in full-stack development, problem-solving, and creating user-focused digital solutions. Experienced in building real-world applications, contributing to open-source projects, and continuously learning modern technologies to enhance code quality, system performance, and overall user experience.

EDUCATION

Bachelor of Software Engineering (BSEHons) | The Open University of Sri Lanka

2023 – Present

Certificate in Full Stack Web Development | University of Moratuwa

Issued Jan 2023

PROJECTS

Quantifypro - Invoice & Quotation Management System

Full Stack Developer 2025

- Built a secure and automated web application for NeoMac Engineering, a construction company, to manage 1000+ invoices and quotations efficiently
- Developed using **Next.js, Tailwind CSS, TypeScript, Node.js, Express.js, and Firebase**, improving workflow efficiency by 85%.
- Implemented role-based authentication and authorization for Admin and User roles, ensuring 100% data security and access control.

BGRM - Image Background Remover App

Full Stack Developer 2025

- Implemented a **responsive Next.js frontend** with **TypeScript** and **Tailwind CSS** for seamless user experience
- Developed a **FastAPI backend in Python** utilizing the **rembg library** for AI-powered background removal
- Enabled **real-time image upload** and **preview functionality** for original and processed images
- Deployed the application on **Railway** for scalable, cloud-based hosting and fast performance

SKILLS

- Reactjs
- SQL
- Expressjs
- Figma
- React Native
- Postman
- Rest API
- Firebase
- Java
- Python
- Nodejs
- Adobe XD
- GitHub
- Docker